

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S99	11112	345/58,87,89,94,98-100,102,690,211-213.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 14:26
S100	42028	((lengthen\$3 or elongat\$3 or increas\$3) with (duration or period or interval)) same ((shorten\$3 or shrink\$3 or reduc\$3) with (duration or period or interval))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 11:41
S101	128114	(brightness or grayscale or intensity) near2 (level or data or signal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 13:04
S102	163	S100 same S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 11:42
S103	24	S102 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 12:29
S104	139	S102 not S103	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 12:30
S105	156	(brightness or grayscale or intensity) near2 (level or data or signal) same duty adj ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 14:28
S106	18	S105 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 13:59
S107	8	("3838209"   "4180813"   "4578698"   "4859057"   "5111243"   "5206633"   "5499120"   "6464633").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:09
S108	5	("6037917"   "6084558"   "6084559"   "6140984"   "6243073").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 14:21
S109	211	(brightness or grayscale or intensity) near2 (level or data or signal) same pulse adj width same (frame or field)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 14:28

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S11 0	33	S109 and S99	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 16:05
S11 1	1247	(frame or field) with (pulse adj width adj modulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 16:07
S11 2	29	S111 same S101	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/17 16:08
S11 3	20	("3907405"   "3921162"   "3976362"   "4119367"   "4242679"   "4462027"   "4604617"   "4632514"   "4656470"   "4679043"   "4724433"   "4801933"   "4917469").PN. OR ("5117224"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 17:18
S11 4	2288	345/89,690-692.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 14:27
S11 5	9690	(frame or field) same (grayscale or brightness or intensity) same ratio	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:48
S11 6	101	S115 and S114	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 14:28
S11 7	16452	(frame or field) same (grayscale or brightness or intensity) same (length or width)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:50
S11 8	18673	sub adj (field or frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:49
S11 9	16101	S117 not S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:49
S12 0	2288	345/89,690-692.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:50

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S12 1	122	S119 and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:50
S12 2	8425	(frame or field) same (grayscale or brightness or intensity) same (length or width or duration or period or interval) same (lengthen\$3 or adjust\$4 or chang\$5 or modif\$5 or shorten\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:51
S12 3	8141	S122 not S118	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:52
S12 4	128	S123 and S120	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/19 17:52
S12 5	3	("20030090449"   "20040080480"   "6771243").PN. OR ("7038651").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 17:58
S12 6	4	("6392620"   "6473077").PN. OR ("6771243").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 18:04
S12 7	15	("4927243"   "4952032"   "5192945"   "6115015"   "6151004").PN. OR ("6392620").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/19 18:12
S12 8	0	(backlight or light or shutter) same on same off same (LCD or liquid adj crystal adj display) same ((maximum or minimum or average) near5 (brightness or intensity or grayscale or gray adj scale))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/21 11:50
S12 9	0	(backlight or light or shutter) same on same off same ((maximum or minimum or average) near5 (brightness or intensity or grayscale or gray adj scale))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/21 11:51
S13 0	1789	(backlight or light or shutter) same off same ((maximum or minimum or average) near5 (brightness or intensity or grayscale or gray adj scale))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/21 11:51
S13 1	211983	(LCD or liquid adj crystal adj display).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/21 11:52

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S13 2	54	S130 and S131	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/21 11:52
S13 3	1305	(frame or field) same (pulse adj width) same (brightness or intensity or grayscale)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/22 10:39
S13 4	354	(frame or field) same (pulse adj width) same (brightness or intensity or grayscale) same image	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/22 10:40
S13 5	174	(frame or field) same (pulse adj width) same (brightness or intensity or grayscale) same image same display	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/22 10:41
S13 6	100	(frame or field) same (pulse adj width) same (brightness or intensity or grayscale) same image same display	USPAT	OR	ON	2006/05/22 10:41

# *Interference Search*

## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(ratio same display same (non adj display) same image).clm.	US-PGPUB	OR	ON	2006/05/22 17:15

US 20050259064 A1 US-PGPUB  
US 20050168490 A1 US-PGPUB  
US 20030064764 A1 US-PGPUB  
US 20020003522 A1 US-PGPUB